



DEPARTMENT OF THE NAVY
FIGHTER SQUADRON COMPOSITE ONE ONE ONE
NAVAL AIR STATION KEY WEST
KEY WEST, FL 33040-9001

IN REPLY REFER TO
4000
Ser 00/143
25 Nov 19

From: Commanding Officer, Fighter Squadron Composite ONE ONE ONE
To: Commander, Tactical Support Wing

Subj: FIGHTER SQUADRON COMPOSITE ONE ONE ONE LOW SPEED VEHICLES
URGENCY OF NEED

1. The Low Speed Vehicles (LSV) enable the Sun Downer pilots to meet the compressed takeoff times created by back-to-back mass and red briefs that our supported squadrons require. Without operational LSVs, we will be required to adjust the blue brief times in order to allow red leads enough time to plan and brief safe and effective red execution. Adjusting theses times will create range space scheduling conflicts and extend the crew day of both our pilots and supported squadrons' aircrew. In addition, the LSVs provide significant physiological relief to the pilots' spinal column while transporting the parachute to their aircraft. The physiological relief provided to the pilot by the availability of the LSVs as they execute events, particularly during the spring and summer months, cannot be overstated.
2. The LSVs are an essential element to the Sun Downers ability to provide professionally red support. They also serve as an important mitigation measure to the immediate and long-term physiological effects of flying older jet aircraft in poorly designed flight gear.


M. N. MERITT

Enclosure (25)



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4000
Ser 00/ 144
25 Nov 19

From: Commanding Officer, Fighter Squadron Composite ONE ONE ONE
To: Commander, Tactical Support Wing

Subj: FIGHTER SQUADRON COMPOSITE ONE ONE ONE LOW SPEED VEHICLES
STATEMENT OF WORK

Encl: (1) IO Request and Email
(2) 2019 72v EZ GO New Quote-HydroThunder
(3) 2019 48v Yamaha New Quote- Paradise Technologies
(4) 2019 48v Yamaha New Quote- Sunshine Scooters

1. Fighter Squadron Composite One One One has maintained six Low Speed Vehicles (LSV) during the last 12 years for the purpose of pilot transit to and from squadron aircraft. Junior Officers have continually performed routine maintenance and, as a result, the LSVs have long exceeded their normal life expectancy. During the last year, however, multiple electrical and suspension failures, driven by the corrosive environment of Key West, combined with significant damage (primarily to the batteries), sustained during Hurricane Irma, have made either replacement or complete overhaul of the LSVs necessary.
2. Only two of the six LSVs are currently functional. Though functional, the two working LSVs are missing bushings in the front suspension and are wearing through our tire supply at an accelerated rate. The other four LSVs are inoperable due to myriad electrical problems, such as corroded batteries, broken chargers, and wiring issues causing electrical shorts and accelerated battery drain and damage.
3. As required, a contact was made with NAS Key West Naval Facilities (NAVFAC) in an attempt to procure adequate LSVs via lease, however the Transportation Department advised that LSVs are not authorized items that can be leased or rented through General Service Administration per enclosure (1). In an effort to return the squadron to six operational LSVs in the near future, enclosures (2) through (4) are provided.


M. N. MERITT

IO Request / Justification Form

I. USER INFORMATION

a. Program Manager Name: Exemption (6)	b. Email: Exemption (6)	c. Duty Ph: Exemption (6)
d. Person Interviewed: Exemption (6)	e. Email: Exemption (6)	f. Duty Ph: Exemption (6)

II. VEHICLE REQUIREMENT

a. Requirement: <input type="checkbox"/> Current <input checked="" type="checkbox"/> New		b. Response category: <input type="checkbox"/> Routine <input type="checkbox"/> Scheduled <input checked="" type="checkbox"/> Emergency	
c. Vehicle Location (City): Key West		d. Base or Off Site Location: NAS Boca Chica	
e. Building #: Hangar A-936			
f. Number Personnel in Division/Workcenter: 36	g. Passengers transported per trip: 1-4	h. Number of Trips per Day: 18	i. Expected Annual Mileage Hours 2160
j. Cargo requirements: Load dimension and weight of items transported: Length: N/A Width: N/A Height: N/A Weight: N/A			
k. Do other departments or programs utilize this vehicle? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, explain:			

l. What type of vehicle or equipment do you require? 6 x Electric Powered 4 Person Covered Golf Cart with aluminum frame for corrosion prevention

m. Describe your mission and how this vehicle is used to support it. Attach an additional sheet if necessary.

The golf cart is used to transport pilots, life support equipment, and flight gear to the aircraft expeditiously while preventing heat and fatigue injury to the pilot. This helps reduce the operations cancellations on the flight schedule. With mission requirements dictating staggered launch times, the golf carts will not always be "full" when transiting to/from the flight line. Based on historical data, VFC-111 requires 6 golf carts to accomplish our mission safely and effectively.

n. Describe the impact to your mission if a vehicle cannot be provided. Attach an additional sheet if necessary.

Without the golf carts, pilot's will lose sorties due to back injuries and heat fatigue. Operational timelines to meet brief/walk/takeoff/land/debrief times will be extended and impact the crew-day of VFC-111 customers (while waiting for VFC-111 pilots to transit to/from their aircraft), causing them to lose sorties. Safety will also be compromised since pilots will be forced to walk through multiple rows of turning jets to get to their aircraft.

III. SPECIAL REQUIREMENTS:

a. List additional equipment required:			
<input type="checkbox"/> Camper Shell	<input type="checkbox"/> Fire Ext	<input type="checkbox"/> Ladder Racks	<input type="checkbox"/> Hydraulic Tailgate
<input type="checkbox"/> Placards	<input type="checkbox"/> Plow	<input type="checkbox"/> Wood Floors	<input type="checkbox"/> Winch
<input type="checkbox"/> Other: N/A			
b. Towing Requirements: <input type="checkbox"/> Pintle Hook <input type="checkbox"/> Tow Package Tow requirements weight of item being towed: N/A			
c. Require: <input type="checkbox"/> 4X4 <input type="checkbox"/> SUV Provide justification and attach an additional sheet if necessary: N/A			

IV. OPERATING ENVIRONMENT

a. Geographical Terrain: <input type="checkbox"/> Desert <input type="checkbox"/> Industrial <input type="checkbox"/> Mountains <input checked="" type="checkbox"/> Paved <input type="checkbox"/> Sand <input type="checkbox"/> Swamp <input type="checkbox"/> Unpaved <input type="checkbox"/> Urban
b. Climate: <input type="checkbox"/> Arid <input checked="" type="checkbox"/> Heat <input checked="" type="checkbox"/> Humid <input checked="" type="checkbox"/> Ocean <input type="checkbox"/> Snow <input checked="" type="checkbox"/> Other: Corrosive environment (requires an aluminum frame golf cart for corrosion prevention)

V. CONTRACTOR USE OF VEHICLE

a. Do contractors operate this vehicle? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Skip this section	
b. Name of Contractor: N/A	
c. Required per contract? <input type="checkbox"/> Yes <input type="checkbox"/> No: If yes, attach copy of contract	d. Contractor maintains private Insurance? <input type="checkbox"/> Yes <input type="checkbox"/> No

VI. GENERAL QUESTIONS

a. Vehicle controlled to maximum utilization? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	b. Vehicle used after duty hours or on weekends? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
c. Vehicle is on scheduled runs? (e.g. parts run every Tuesday?) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No: Explain: Vehicle runs anytime there are flights on the schedule.	
d. Can work be done via scheduled service, shuttle bus, taxi or C-pool service? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If No, Explain: There is no shuttle bus, taxi or C-pool available to get pilots to the jets on the flight line.	
e. Does the vehicle operate off base or cross active city roads that have speed limit above 35mph: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, skip next question	
f. Could a Low Speed Vehicle (LSV) be used? e.g. electric vehicle, GEM, etc. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, Explain: The LSV must have sufficient interior and seating space to accommodate up to 4 pilots in full F-5 flight gear (to include the parachute).	

CORE / PWD USE ONLY

IO Gen UIC:	BSO UIC:	Funding Source UIC:	Customer Ref Code:
Proposed EC:	Assigned EC:	IO ID:	Tag Number:
PWD Rep: Wallace Moore	Phone: 305-293-2586	Email: wallace.r.moore@navy.mil	Annual Utilization:
			Site: Key West

PLMO USE ONLY

PLMO UIC: N62470	Region UIC:	FEC / Activity UIC:
Target Utilization:	Validated EC:	TRIO Date:
Priority Code:	New Requirement: <input type="checkbox"/> Yes <input type="checkbox"/> No	IO ID:
Level 1: Select	Level 2: Select	Level 3: Select
Level 4: Select		
Function: <input type="checkbox"/> Admin <input type="checkbox"/> Mission <input type="checkbox"/> Cargo <input type="checkbox"/> Direct Work Support		

Remarks:

Golf carts are not available for lease through GSA.

Exemption (6)

02 USN (USA)

From: Exemption (6) USN NAVFAC SE JAX FL (USA)
Sent: Tuesday, June 25, 2019 9:48 AM
To: Exemption (6) SN (USA)
Subject: RE: VFC-111 Pilot Transportation
Attachments: VFC-111 Golf Cart IO Rejection.pdf
Signed By: Exemption (6) il

Exemption (6)

Attached is the original IO request, at the bottom in remarks I put that they are not available for lease through GSA. This is not something that they lease on their program and the Navy is mandated to lease all their vehicles through them.
R,

Exemption (6)

FOR OFFICIAL USE ONLY (FOUO) - Privacy Act of 1974, as amended, applies. This email may contain information that must be protected in accordance with 5 U.S.C. § 552a, as implemented within the DoD by 32 C.F.R. Part 310 and DoD 5400.11R and with the Department of the Navy by SECNAVINST 5211.5D. Any misuse or unauthorized disclosure can result in both civil and/or criminal penalties. If you have received this e-mail in error or are not the intended recipient, please notify the sender and delete all copies immediately

From: Exemption (6) N (USA) <Exemption (6)>
Sent: Tuesday, June 25, 2019 9:22 AM
To: Exemption (6) USN NAVFAC SE JAX Exemption (6) @navy.mil>
Subject: FW: VFC-111 Pilot Transportation

Exemption (6)

Good Morning. I see that you were on the original email to receive the attached. Is this something that you can complete and send back in lieu of the short justification on why we can rent/lease (6) golf garts via NAV FAC.

Thank you so much for you time and assistance.

Very Respectfully,

Exemption (6)

Exemption (6)

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From:

Exemption (6)

Sent: Monday, June 24, 2019 2:38 PM

To:

Exemption (6)

Subject: FW: VFC-111 Pilot Transportation

Exemption (6)

This may be of help.

V/R,

Exemption (6)

From: Stettner, Matthew J LCDR NAVRESFOR, VFC-111 MMT <matthew.stettner@navy.mil>

Sent: Friday, August 17, 2018 8:51 AM

To: Roper, Dennis LJR LCDR NAVRESFOR, N4B <dennis.roper@navy.mil>; Moore, Wallace R CIV NAVFAC SE PWD Key West <wallace.r.moore@navy.mil>

Cc: DuPont, Edwin R CDR NAVRESFOR, VFC-111 CO <Edwin.Dupont@navy.mil>; Meritt, Matthew N CDR NAVRESFOR, VFC-111 XO <matthew.meritt@navy.mil>; Reeves, John E LCDR NAVRESFOR, VFC-111 MMT <john.e.reeves@navy.mil>

Subject: VFC-111 Pilot Transportation

Wally,

I left you a message earlier this morning, but here is the IO form for the VFC-111 pilot transportation request. Please let me know if you have any questions (or if I filled out the form incorrectly).

V/r

Stink-eye

V/r

LCDR Matt "Stink-eye" Stettner

VFC-111 Maintenance Officer

C: 757-576-0159

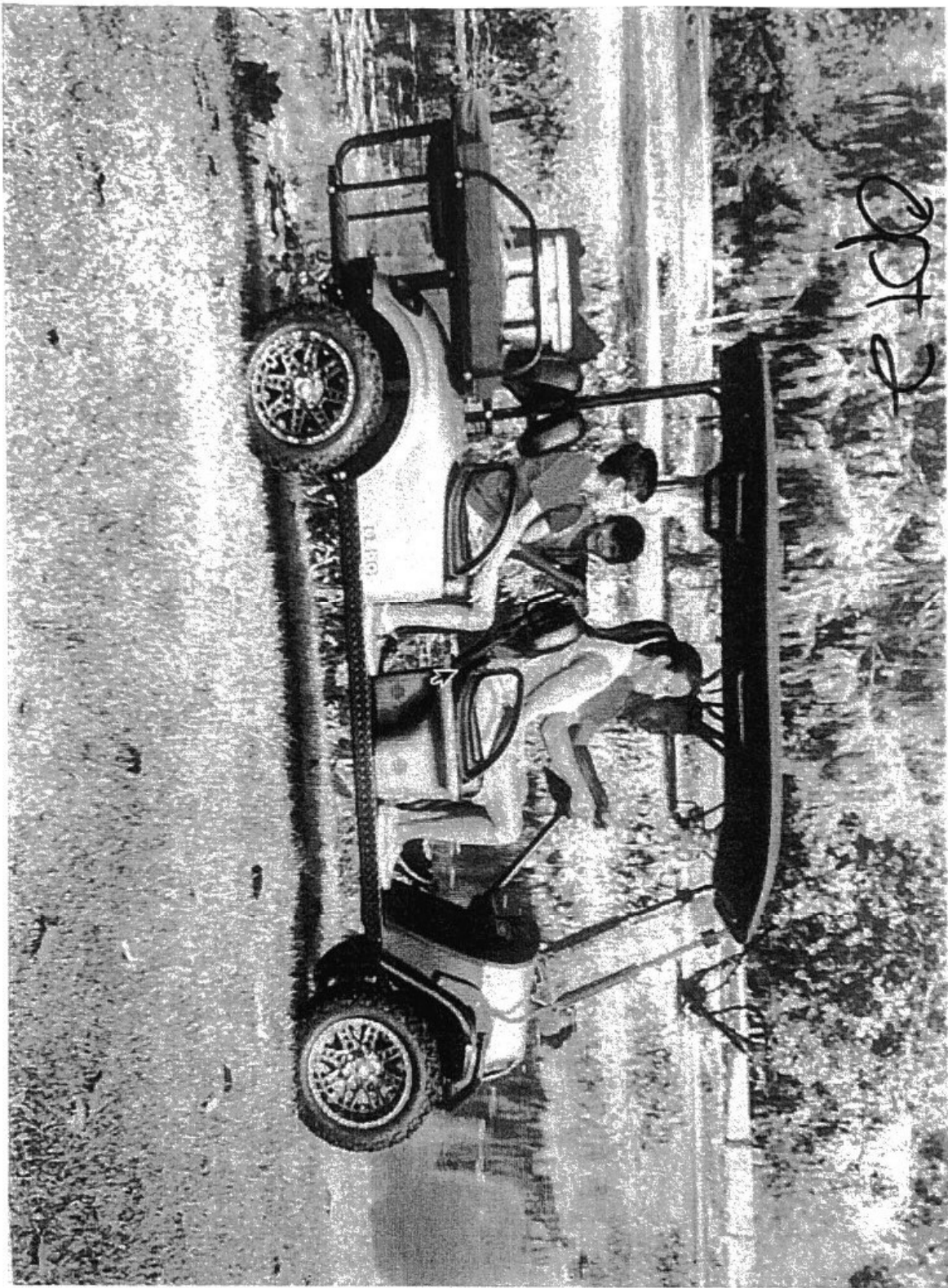
O: 305-293-2178

Matt.stettner@navy.mil

Mstettner01@yahoo.com



Enclosure (25)

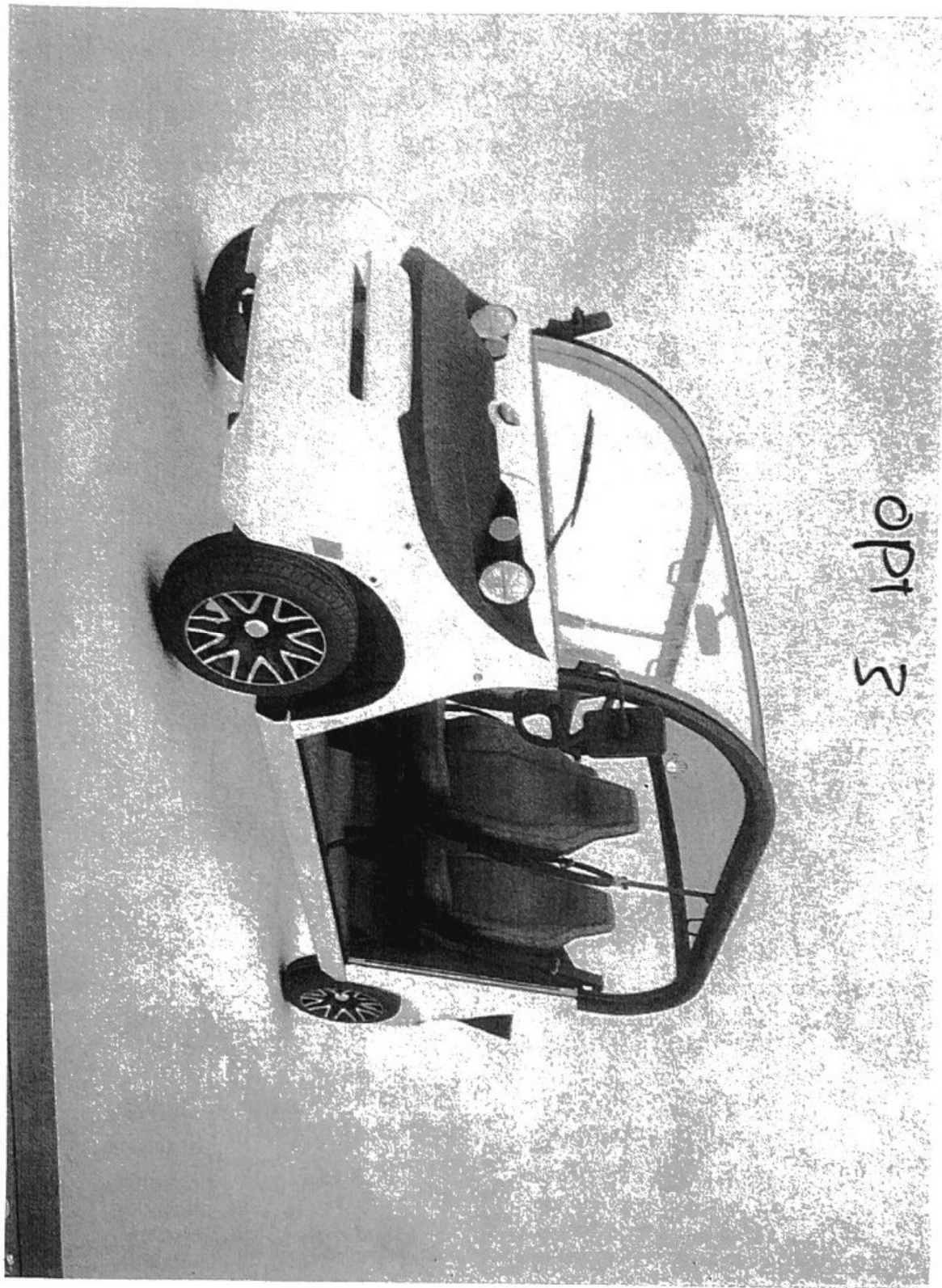


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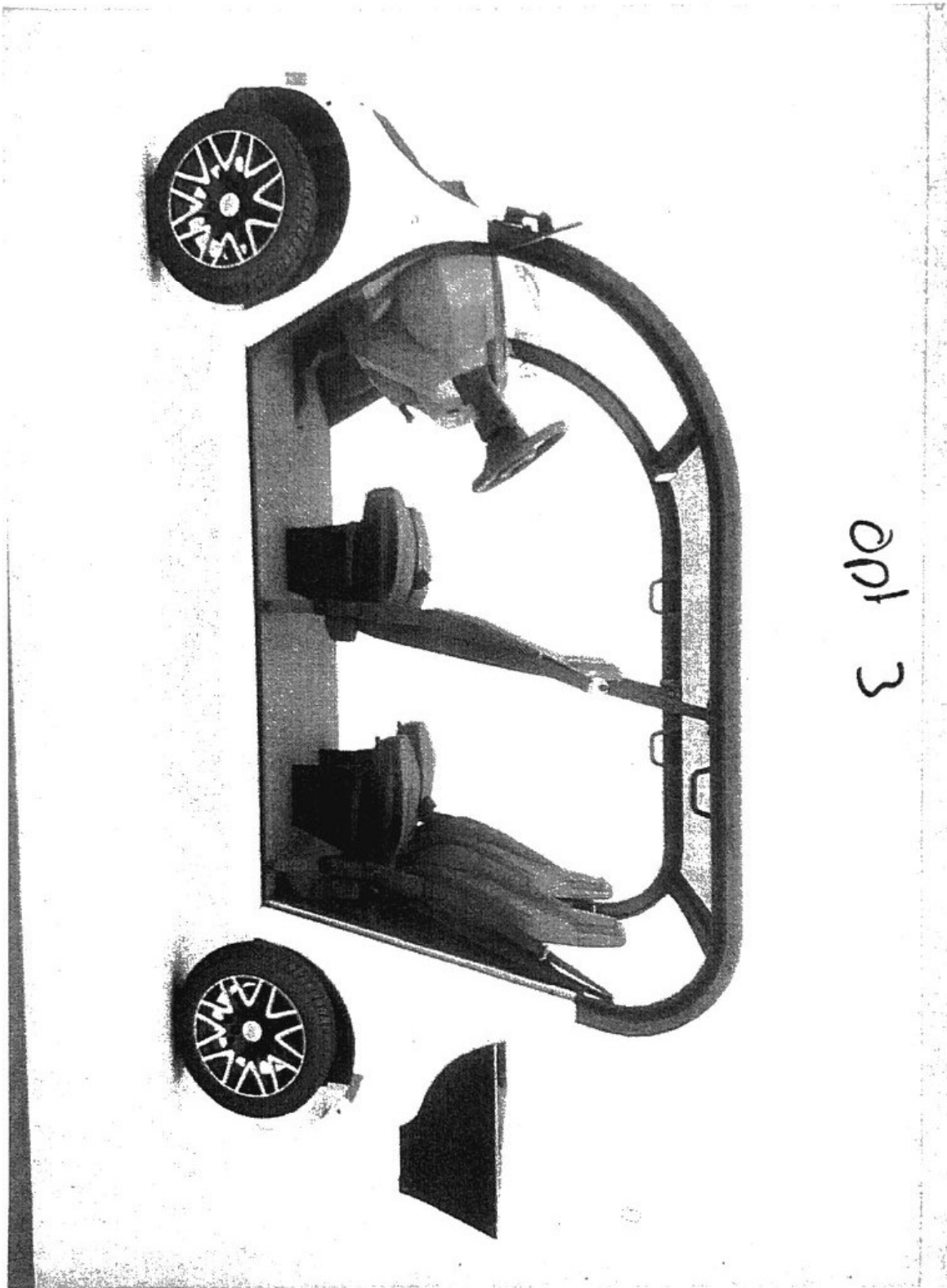
Enclosure (25)

ENCLOSURE (2)

opt 3



opt 3





PROPOSAL

Date: 5/24/19

To: VFC-111

P.O. Box 9059/ Hanger A-936
Key West, FL 33040
(305) 293-2626

Hydro Thunder is prepared to offer VFC-111 a 30% discount on a choice of attached Exhibit "A" (6) vehicles for a period of 365 days (a period of one year).

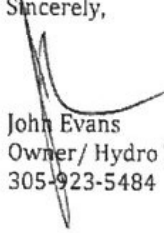
SCOPE OF RENTAL

Hydro Thunder of Key West will furnish VFC-111 with (6) New vehicles chosen from Exhibit "A". Hydro Thunder will maintain the (6) vehicles for a period of one year. Maintenance of the (6) vehicles will include, brakes, steering, tires (at or below 1/16"), hubs, lights, weekly filling of the batteries (if maintenance batteries installed), etc. We will require clearance to come on base to inspect the vehicles every week. If a vehicle breaks down, VFC-111 will notify Hydro Thunder between the hours of 8am to 6pm 7 days a week. Once notified within the business hours, Hydro Thunder will bring a temporary replacement (same size, type) on the day of notification while vehicle is being repaired. All repairs will be performed at our shop located at 114 Simonton St. Key West within Monroe County. Hydro Thunder will perform all manufactures inspections and maintenance requirements. Failure to perform the requirements will be fined \$1,000 per vehicle that is missed on the maintenance schedule. VFC-111 will be responsible for plugging the vehicles in every night to keep the batteries charged. Failure to keep the batteries charged will be the responsibility of VFC-111 and will be charged for battery replacement. Any accidents, damage, total loss, etc. will be the responsibility of VFC-111 and will be billed accordingly. Total loss will result in full value replacement of the vehicle. VFC-111 can wrap the vehicles in colors desired, (no paint). At the end of the 365 day (1 year) term, VFC-111 will be given the option to purchase the vehicles at a price of \$100.00 per vehicle totaling \$600.00. VFC-111 will have the option to hire Hydro Thunder to maintain the purchased vehicles for a period of one year for the sum of \$54,750.00. This proposal is good for 30 days from the above date.

Enclosure (25)

PAYMENT AS FOLLOWS
1/2 Down 1/2 Once delivered

Sincerely,



John Evans
Owner/ Hydro Thunder of Key West
305-923-5484

Enclosure (25)

EXHIBIT "A"

Option (1) 2019 EZ GO 4 passenger (72Volt Electric)

- a. 4 passenger 800lb payload capacity
- b. Acid filled batteries (not maintenance free)
- c. Covered roof to cover four passengers
- d. 2 passengers sitting forward and 2 passengers sitting backwards.
- e. Battery charger installed in vehicle
- f. No baggage storage.
- g. Hydro-Thunder maintenance agreement

\$153,300.00 plus 7.5% sales tax \$11,497.50
\$165,797.50

Option (2) 2019 EZ GO 6 passenger (72 Volt Electric)

- a. 6 passenger 1,200lb payload capacity.
- b. Acid filled batteries (not maintenance free)
- c. Cover roof for six passengers
- d. 4 passengers sitting forward and baggage storage in the rear (250lbs)
- e. Battery charger installed in vehicle
- f. Hydro Thunder maintenance agreement

\$ 183,300.00 plus 7.5% sales tax \$13,747.50
\$197,047.50

Option (3) 2018-2019 depending on availability 4 passenger Polaris Gem (72 Volt Electric)

- a. 4 passenger 1,150lb payload 330lb cargo box capacity.
- b. Maintenance free batteries
- c. Full windshield with functional wiper
- d. Roof to cover all four passengers
- e. Cargo rack in the rear to carry 330lbs of cargo
- f. Battery charger installed in vehicle
- g. Hydro Thunder maintenance agreement

\$193,300.00 plus 7.5% sales tax \$14,497.50
\$207,797.50

Enclosure (25)

Exemption (6)

From:

Exemption (6)

Sent:

Tuesday, October 29, 2019 11:27 AM

To:

Exemption (6)

Subject:

RE: [Non-DoD Source] Hydro Thunder Golf Carts

Signed By:

Exemption (6)

Good Afternoon Sir,

I spoke to John the Owner of Hydro Thunder in reference to submitting a new proposal, since this one was expired 30 days after 24MAY19. Mr. John advised the proposal was still valid, but that he was not going to resubmit a new proposal.

Very Respectfully,

Exemption (6)

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From:

Exemption (6)

Sent: Tuesday, April 16, 2019 1:45 PM

To:

Exemption (6)

Cc:

Subject: FW: [Non-DoD Source] Hydro Thunder Golf Carts

Sir,

As requested.

Very Respectfully,

Exemption (6)

Enclosure (25)

ENCLOSURE (2)



910 Grinnell St.
Key West, Fl. 33040
Phone: 305-394-1091
www.paradise-technologies.com

Exemption (6)

Subject: RFQ – Navy Key West Golf Cart Requirement Changes

We at Paradise Technologies, Inc. appreciate the opportunity to support our local Fighter Squadron VFC-111 The Sun Downers based at Naval Air Station Key West, Florida. We are responding to your request for quote "RFQ" for six "6" Electric Golf Carts. Our offer and specifications of the units are listed below, if you have any questions please do email bob@paradise-technologies.com or call me at 305-394-1091.

Lease Requirements:

Six golf carts, Four seats per golf cart, 1,000 lbs. operating payload (four, 250 lbs persons), Driver and passenger area covered with rigid sunshade, Electric, Minimum 48VAC propulsion system, AGM batteries, One battery charger per golf cart, Capable of moving 1,000 lbs. payload 800 miles (or 400 hours per golf cart), annually, Allow VFC-111 to apply vinyl decals or paint in accordance with squadron colors

Our Lease Proposal:

Six new 2019 Yamaha Electric AC drive golf car, includes: NEOS 350 amp AC controller by Toyota Industries Corporation, AGM batteries-Six 8-volt Trojan T-875 Batteries, LED headlights & tail lights, sun top, horn, automatic microprocessor-based high frequency switching regulated charger, state of charge meter and dual USB connection port, Yamaha deluxe rear flip flop seat kit with stone seats, passenger enclosure with extended custom golf car top off white vinyl eagle rear seat. Length: 93.6 in Width 47.3 in. With delivery to VFC-111 hanger and up to 4 hours of training.

Lease Term: 1 Year Monthly Payments of : \$7,333/month

Price based on a 12 month guarantee rental. Initial payment (consisting of first and last month rental) is due 30 days prior to delivery. With option to purchase the rental units at the end of the 12 month lease for \$100 for each unit for a total price of \$600.

Maintenance Requirements:

We will provide one hot spare Yamaha Electric AC drive golf car, Batteries charged, maintained and replaced when necessary, Charging system and external charger maintained, Any individual tire replaced when 1/16" tread remains at any place on the tire, Emergency maintenance completed within 3 business days of report, Loaner golf cart provided within 3 business days if any contracted golf cart will be unusable for more than 5 business days, Perform all manufacturer-required-and-recommended inspections and service intervals. Units will be serviced monthly at your location. Units will be fixed within 48 hours of notification of any failure, or the unit will be replaced with a comparable unit until fully serviceable. *No intentional abuse of any kind will be covered under this plan.*

Our Maintenance Proposal: Included in the price of lease for first year with a hot spare. After first year a option to purchase a stand-alone maintenance package at a **monthly rate of \$140 each** for a **total of \$10,080 per year.**

We are located and have a fixed base of operations in Monroe County for over 18 years.

Sincerely,
Robert K. Henkel
President
Paradise Technologies, Inc.
email: bob@paradise-technologies.com
Cell Phone: 305-744-3350
Office Phone: 305-394-1091

Enclosure (25)

ENCLOSURE (31)



1910 N Roosevelt Blvd
Key West, FL 33040
(305) 294-9990
www.sunshinescootersinc.com

Mr. Imperato,

I appreciate the opportunity to put in a bid for 6 Electric Yamaha Golf Carts. The specifications of the units are listed below.

Lease Term: 1 Year with option to purchase units at \$100 per unit at the end of the lease.

Payment: \$6,381 per month for 6 units, mixed colors.

Maintenance Plan: 100% maintenance on all units is included in the quote. Units will be serviced monthly at your location. Units will be fixed within 48 hours of notification of ANY failure, or the unit will be replaced with a comparable unit until fully serviceable. All manufacturer suggested and required maintenance will be performed under this plan.

We have read and agree to all terms listed in section (2) "Maintenance Requirements"

We have read and agree to (4) "Quotes Requested", (b) "Options", 2, and will extend the Maintenance Plan for 1 year at the stated price, if the units are purchased.

No intentional abuse of any kind will be covered under this plan.

Daily/Usage charging of the units will be performed by the customer

Thank you,

Jon Brenner

SunShine Scooters

734-216-5095

Head and tail lights (no turn signals or brake lights)

USB charging ports

Folding windshield

Rear seat kit

Standard roof covering all seats

MOTOR:48-volt AC Motor

OUTPUT RATING:6.7 hp for 60 minutes

MOTOR CONTROL UNIT:NEOS 350 amp AC controller by Toyota Industries Corporation

BATTERIES:Standard: Six 8-volt AGM Batteries

CHARGER:Automatic microprocessor-based high frequency switching regulated charger.

Overall Length:

93.6 in (238 cm)

Enclosure (15)

ENCLOSURE (4)



1910 N Roosevelt Blvd
Key West, FL 33040
(305) 294-9990
www.sunshinescootersinc.com

Overall Width

47.3 in (120 cm)

Overall Height(with suntop)

71.5 in (182 cm)

Wheelbase

64.4 in (164 cm)

Front Wheel Tread

35 in (89 cm)

Rear Wheel Tread

38.7 in (98 cm)

Minimum Ground Clearance

5.5 in (14 cm)

Floor Board Height

12.9 in (33 cm)

FRAME

HybriCore™ Chassis features a robotic welded automotive ladder-style steel frame protected with a multi-step full-immersion phosphate treatment, electrodeposition epoxy-based coating, and an electrostatic applied polyester/urethane powder topcoat.

BODY

Mold-in Polypropylene for Glacier color. Custom-formulated thermoplastic olefin painted with a two-part top coat of high-luster automotive-grade polyurethane.

STEERING

Self-compensating double reduction helical rack-and-pinion.

FRONT WHEEL SUSPENSION

Tru-Trak II™ fully independent automotive-style strut suspension.

REAR WHEEL SUSPENSION

QuieTech EFI: Fully independent automotive-style strut suspension. PowerTech AC: Swing arm with coil springs over hydraulic shock absorbers.

BRAKES

Self-adjusting mechanical, rear wheel drum brakes.

BUMPERS

Front and rear 5 mph energy-absorbing bumpers.

Maximum Forward Speed

19.5 MPH

Hill climbing capacity

20°

Minimum turning radius

9.5 ft (2.9 m)

TIRE SIZE

205/65-10 DOT (4 ply rating)

Enclosure (25)